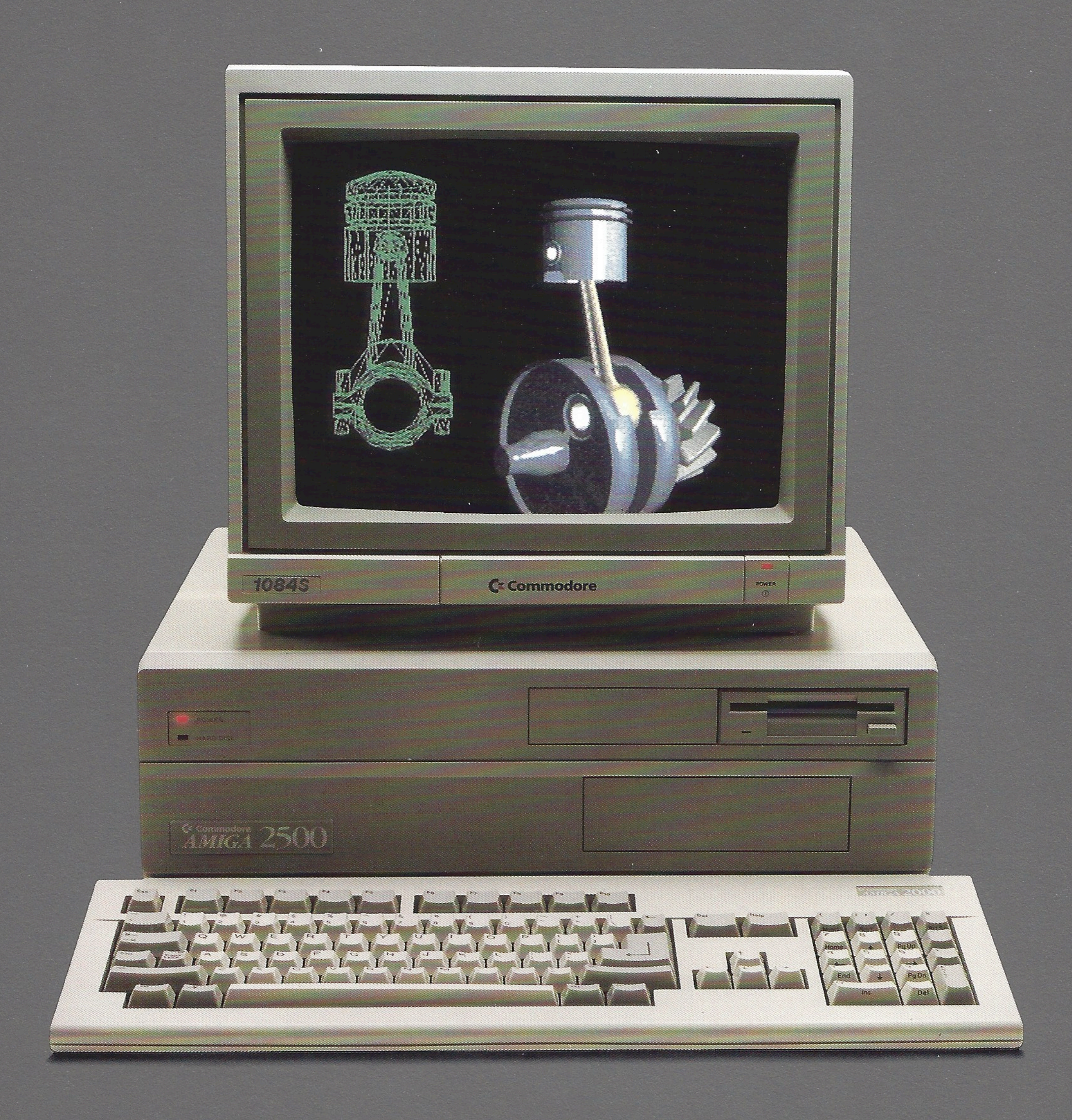
AMIGA

2500



Commodore

With 3MB RAM standard, a 40MB hard disk drive and a powerful Motorola® 68020 microprocessor, the Commodore® Amiga 2500 is a high-performance personal workstation designed to meet the requirements of demanding professionals.

The Amiga 2500 performs at workstation-level speed and features presentation quality graphics displayable in up to 4096 colors, expanded data storage and an incredibly easy to use multi-tasking operating system.

Since it makes the rendering and manipulation of complex imagery faster and more efficient, the Amiga 2500 is ideally suited to 3-D solid modeling and animation, black-and-white and color desktop publishing and multimedia presentation.

The Amiga 2500 is also a personal computer, perfect for such business applications as word processing, spreadsheets, and both standard and graphic databases.

The Amiga 2500 offers unparalleled price/performance satisfaction and is supported by an ever-expanding variety of professional application software and peripherals, including a wide range of color, ink jet, thermal, dot-matrix and laser printers.

Dual-button optomechanical mouse.



Built-in serial, parallel and mouse ports.

2500

Detachable 94-key keyboard with numeric keypad and ten function keys.

2MB of 32-bit RAM, 1MB of 16-bit RAM standard, expandable to 9MB.

Multi-tasking, icon-driven operating system.

4096 available colors with maximum 740 x 480 resolution.

4-voice, 2-channel stereo sound output with built-in speech synthesizer.

Preconfigured 40MB, 28ms hard disk drive and autoboot hard disk controller.

Motorola® 68020, 32-bit CPU, plus custom sound, animation and graphics chips.

Optional Amiga Bridgeboard™ provides for MS-DOS® compatibility.

Open architecture with 7 available expansion slots allows for extensive internal expansion and multi-DOS options.



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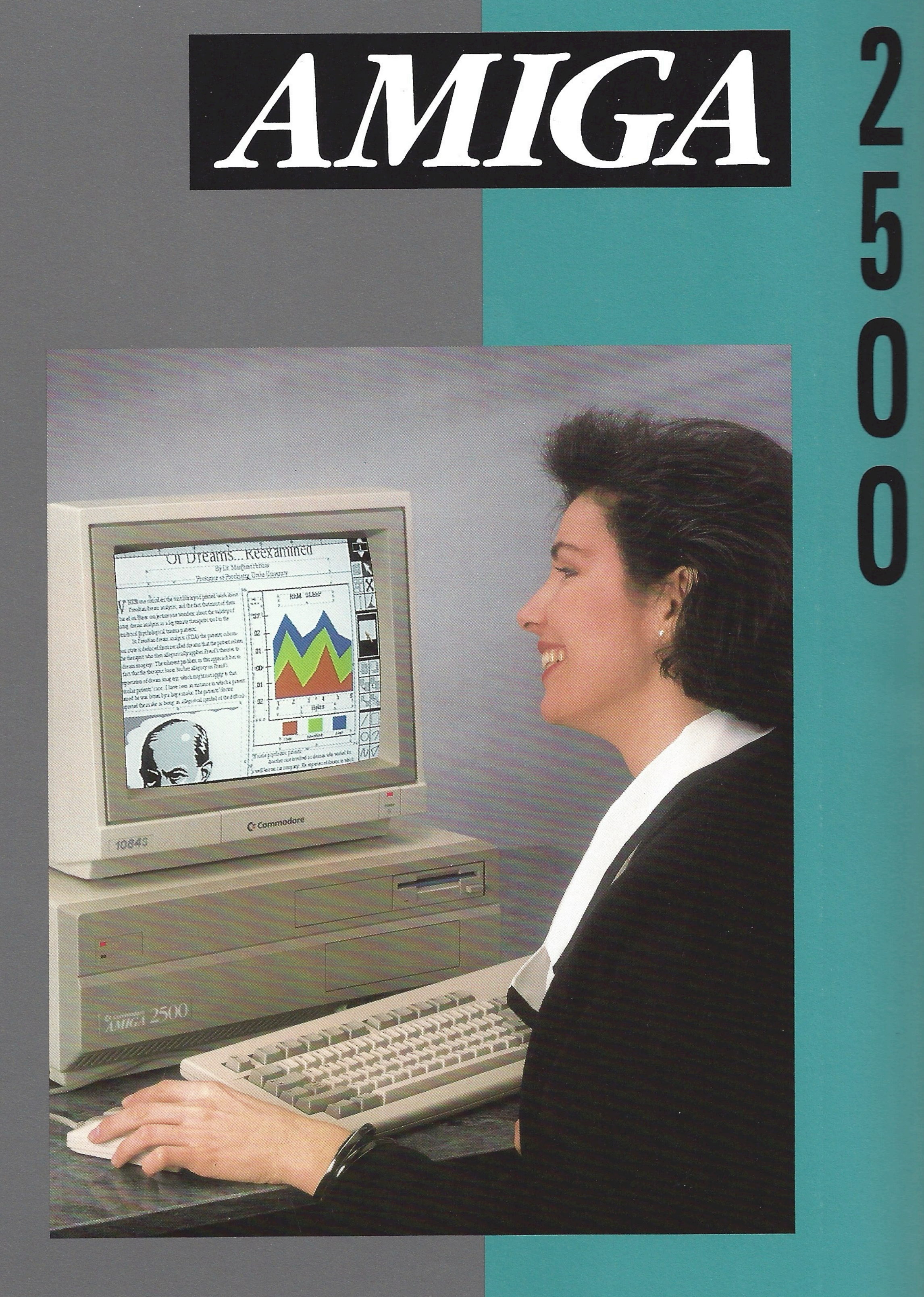
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COMMODORE AMIGA 2500 SPECIFICATIONS

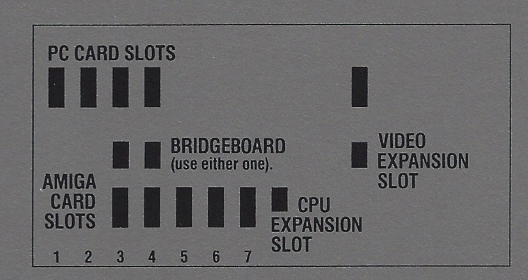
CPU
Motorola 68020 32 bit CPU running at 14.26 MHz.

MEMORY
1 MB 16 bit RAM and 2 MB 32 bit RAM standard, internally expandable to 9 MB (with AUTOCONFIG™ feature).

ROM
256K (includes Kickstart 1.3 operating system).

INTERFACES
Built-in RS-232 serial, Centronics parallel, keyboard, mouse/joystick/lightpen (2), video (RGB analog or RGBI), right and left audio, external disk drive and monochrome video ports.

SYSTEM SLOTS
Comes with A2620 processor card, running at 14.26 MHz installed in CPU (86 pin) slot. Contains Motorola MC68020 CPU, 68881 math co-processor and 68851 memory management unit, plus 2MB of 32 bit RAM (expandable on board to 4MB). Amiga system bus has five (100 pin) slots with AUTOCONFIG feature (one slot occupied by autoboot hard drive controller). PC bus has four slots.



How the Slots Work
If MS-DOS compatibility is desired, a Bridgeboard™ may be placed in slot 3 or 4. If placed in slot 3, the user would have two PC card slots and three Amiga card slots available. If placed in slot 4, the user would have three PC card slots and two Amiga card slots available.

VIDEO SLOTS
One built-in video slot for internal NTSC/PAL encoding of composite video, internal genlock, etc.

KEYBOARD
Detachable 94 key keyboard with ten function keys, numeric keypad, four separate "inverted T layout" cursor keys and help key.

MOUSE
Two button optomechanical mouse.

DISK DRIVES
One built-in 3.5″ 880K disk drive and a built-in 40MB 28ms hard disk drive. Drive comes pre-formatted and pre-loaded with system software and utilities, including autobooting hard disk controller. AmigaDOS supports four floppy drives in any configuration simultaneously. Options include one internal 5.25″ half-height drive and two external Amiga A1010 floppy drives. A third external drive is supported with the A2088 Bridgeboard installed.

VIDEO DISPLAY
400 lines/vertical frequency 60Hz. Built-in graphics co-processor with beam synced draw, fill and move modes. Palette of 4096 colors, with a maximum of 6 bit-planes and 8 sprites per scanline.

TEXT MODES
Standard mode of 80 characters/25 lines and 60 characters/25 lines. Selectable font sizes and types with user-definable screen colors.

GRAPHICS MODES
Numerous modes ranging from 320 x 200 to 640 x 400 (more using overscan).

SOUND
Four channel stereo sound, capable of reproducing complex waveforms. Built-in sound buffer up to 400KB nominal and 512KB maximum, plus an 8 bit D/A converter and 6 bit volume.

SPEECH
Built-in English text-to-speech device, with controls for rate, pitch, volume, inflection and gender of voice.

POWER SUPPLY
110 volt/60 Hz 360 watt supply (220 watt output) for base machine and extensions.

SIZE AND WEIGHT
15⅜″ deep x 17⅜″ wide x 6″ high. Weighs 26 lbs.

Commodore Business Machines, Inc., 1200 Wilson Drive, West Chester, PA 19380